LE *Project
PGY1 - Community Pharmacy (94007)

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Training Site:
Oregon State University College of Pharmacy

Status: Active
Not Required

Description:
The major project is a required, longitudinal learning experience to provide the resident with an opportunity to apply project management, research, leadership, and communication skills while conducting practice based research. The resident will be the Principal Investigator (PI) and will be in control of all major aspects of the project including developing the study design and methodology, implementing the intervention and data collection, analyzing the collected data, and disseminating the knowledge gained from the scholarly work.

The pharmacy resident will meet early in the residency year with the preceptor and RPD to validate that the scope of the project can be reasonably accomplished during the residency year and to begin the process of required peer and institutional review before the project can be started. The resident will meet regularly with the preceptor for guidance on the project and to insure compliance with established timelines.

Successful completion of this learning experience will require the resident to author a poster, platform presentation, and final manuscript on their project.

Recommended readings for project development and implementation include:

- Mandatory online training regarding the protection of human subjects in research ([http://research.oregonstate.edu/irb/preparing-initial-submission/training-ethical-use-humans-research](http://research.oregonstate.edu/irb/preparing-initial-submission/training-ethical-use-humans-research))

Expectation of Learners:
**Expected progression of resident responsibility on this learning experience:**

Q1 (Early)- Decide on major project, identify learning needs to accomplish project, develop plan to acquire needed knowledge and skills, prepare detailed outline of proposal, and get feedback from preceptor(s) on project design. Submit proposal to Citywide peer review and prepare IRB packet.

Q1 (Mid-Late)- Secure approval from organization and IRB. Launch marketing plan for project if necessary.

Q2- Conduct project and gather data while maintaining other residency responsibilities. Analyze preliminary data. Prepare abstract for ASHP and/or APhA.

Q3- Prepare abstract for WSC and/or OSHP. Complete data analysis and begin preparation for final dissemination of results. Present findings. Reflect on sustainability of project and plan for transition.

Q4- Prepare project executive report for CEO and any grantors. Close out study with IRB or make plans for transition of continuation of study and Principal Investigator transfer. Discuss with preceptor and RPD where study data will be securely maintained for future inquiries. Make plans with preceptor and RPD for submission of final manuscript.

**Preceptor Interaction:**

- Monthly (minimum): As scheduled- Check in regarding progress of major project and any challenges to meeting established timelines or desired outcomes

**Communication:**

- Monthly meetings with project preceptor(s) to discuss project progress and review established timeline. More frequent meetings will need to be scheduled around key deliverable deadlines (i.e. project proposal, securing clinic/OSU approval, submission to IRB, implementation launch, pilot data collection, preparation of data for analysis, abstract preparation and submission, poster draft, slides draft, draft manuscript, and final report to clinic/OSU and IRB)
- E-mail: Preferred route for communication to set up necessary meeting requests through calendar appointments. E-mail should be checked at least daily.

**Evaluation Strategy:**

What Who When Formative (project written documents) Preceptor(s) See deadlines Formative + Formative Self Preceptor, Resident See below Summative Preceptor Quarterly, see below Summative Self-evaluation Resident Quarterly Preceptor, Learning Experience Resident Quarterly

PGY1 summative evaluation schedule for longitudinal rotations- Start in July. Quarterly due by the 15th of the month in September, December, March and June

PGY1 formative and self-evaluation schedule for learning activities- Formative evaluations have been scheduled in PharmAcademic for the month the activity is assigned. Reminders will be sent to residents and preceptor on the first day of the month, and evaluations must be completed within one week of the activity due date.

12. Research Project Presentation

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<thead>
<tr>
<th>Goal R4.1</th>
<th>Conduct a practice-related project using effective project management skills.</th>
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<tbody>
<tr>
<td>OBJ R4.1.1</td>
<td>(Synthesis) Identify a topic for a practice-related project of significance for community pharmacy.</td>
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<td>(Q1) Complete literature search to identify published studies or services related to project in order to describe anticipated outcomes/benefits of implementing the service/project and aid in designing the service at clinic by July 7th.</td>
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<td>(Q1) Select project for the year by July 15th.</td>
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| OBJ R4.1.2 | (Synthesis) Formulate a feasible design for a practice-related project. | (Q1) Complete a project proposal including (with literature review), design of project, outcomes to be assessed, and implementation plan with timeline by July 15th.  
(Q1) Submit project proposal draft to preceptor(s) by July 31st.  
(Q1) Submit project proposal to Citywide residency conference by August 15th for feedback. |
| OBJ R4.1.3 | (Synthesis) Secure any necessary approvals, including IRB and funding, for one’s design of a practice-related project. | (Q1) Final IRB application to preceptor(s) by August 10th.  
(Q1) IRB draft to preceptor(s) by August 7th.  
(Q1) Submit IRB application by August 15th (8/16/16 IRB Full Board Meeting) |
| OBJ R4.1.4 | (Synthesis) Implement a practice-related project as specified in its design. | (Q2-3) Collect data during project implementation.  
(Q2-3) Implement project per initial plan and IRB approved process. |
| OBJ R4.1.5 | (Synthesis) Effectively present the results of a practice-related project. | (Q2) Submit abstract for poster to ASHP MCM (Oct 1st), present at MCM.  
(Q3) Submit abstract to regional residency conference. (February)  
(Q3) Submit presentation and handout to regional residency conference. (April)  
(Q3-4) Write article for pharmacy newsletter (optional)  
(Q4) Present results to clinical pharmacists and provider group (June).  
(Q4) Present results to regional residency conference (May) |
| OBJ R4.1.6 | (Synthesis) Successfully employ accepted manuscript style to prepare a final report of a practice-related project. | (Q1) Discuss publication opportunities with preceptor(s) in September.  
(Q4) Manuscript draft to preceptor(s) by June 1st.  
(Q4) Manuscript final draft submitted to preceptor(s) and RPD by June 15th.  
(Q4) Submit manuscript for publication (optional for PGY1s). |
| OBJ R4.1.7 | (Evaluation) Accurately assess the impact, including sustainability if applicable, of the residency project. | (Q4) Presentation and manuscript must contain evaluation of impact of the project and proposal for continuation of service after completion of the residency year. |

### Evaluations:

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<tbody>
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<td>Ending and Quarterly if Needed</td>
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